

Peak District National Park

Forecast valid from 00:00 on Tuesday 24 May 2022 until 23:59 on Wednesday 25 May 2022

Forecast Issued on Monday 23 May 2022 at 12:02

Confidence: High for unsettled main theme giving way to a drier, brighter and warmer end to the current week.
Low for shower detail and precise track of rain-bearing systems crossing the area through midweek.

Headline for Tuesday 24 May 2022: Breezy with some sunny spells but also heavy and locally thundery showers.

Mountain weather hazards on Tuesday 24 May 2022

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

Low Likelihood

Poor visibility

No Likelihood

Thunderstorms

Medium Likelihood

Heavy persistent rain

Low Likelihood

Strong sunlight

Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Heavy rain showers	Thundery showers	Hail showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
20%	20%	20%	40%	60%	60%	20%	20%

Forecast for Tuesday 24 May 2022

Weather: Rather cloudy during the early hours, with temperatures dipping in limited cloud breaks. Bright and breezy by day, with scattered showers soon breaking out, becoming heavier and locally bearing hail and thunder with time. The most reliable favourable conditions for activities should then develop later in the afternoon, with showers easing in intensity and number as lengthier sunny spells take their place. Becoming mainly dry into the evening.

Chance of cloud-free hill tops above 600m: 30% at first, soon improving to greater than 90% from mid-morning.

Low cloud and visibility: Visibility generally very good, but note locally frequent sharp drops in heavy rain showers and especially hail. Some cloud on the highest ground first thing should soon lift.

Forecast for Tuesday 24 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/19 W	14/19 W	17/24 W	18/27 W	18/27 W	19/28 W	18/27 W	13/20 W	15/22 SW
300	10/16 W	11/17 W	13/21 W	14/22 NW	15/25 W	14/23 W	15/23 W	9/16 SW	11/19 SW
Valley	7/15 W	8/17 W	10/20 W	10/22 W	12/25 W	13/26 W	12/24 W	6/15 SW	7/17 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/2	6/2	6/1	7/2	8/4	8/5	8/5	7/4	6/2
300	9/6	8/6	8/5	9/6	11/8	11/9	11/8	10/8	8/6
Valley	9/7	9/7	9/6	10/8	12/9	13/10	12/10	10/9	9/7
Freezing Level*	1500m	1300m	1300m	1400m	1400m	1500m	1500m	1500m	1600m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Breezy in exposure, with wind chill a factor when taken with frequent showers in places. While interrupted by showers, the sun remains relatively strong. Layers and adequate sun protection are both advised, along with avoiding the most exposed ground given the threat of thunder.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 23 May 2022	0mm	0mm	2mm

Forecast for Wednesday 25 May 2022

Weather: Becoming cloudy through the early hours, culminating in spells of rain and drizzle over west-facing ground in particular from daybreak, becoming heavier and more persistent through the middle of the day before likely easing and becoming more intermittent later. Rather windy throughout, and probably on the cool side, with cloud likely to persist even as the rain dies away later.

Maximum wind: Westerly 30mph.

Chance of cloud-free hill tops above 600m: 40 improving 80%

Low cloud and visibility: Visibility lower in the main than on Tuesday, perhaps poor at elevation at first with cloud down to 400 metres, but generally improving with time.

Temperature: **Valleys:** Plus 7 becoming plus 18 degrees Celsius.
At 600m: Plus 10 degrees Celsius.
Freezing level: Well above the peaks.